

Title (en)
DRUG DISPENSING DEVICE

Title (de)
ARZNEIMITTELABGABEVORRICHTUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION DE MÉDICAMENT

Publication
EP 3213736 A4 20180613 (EN)

Application
EP 15855343 A 20151015

Priority
• JP 2014222313 A 20141031
• JP 2015079189 W 20151015

Abstract (en)
[origin: US2016331640A1] Systems and methods for preventing a container from being replenished with the wrong medicine are described. This is achieved by the following process: first, a user places a container on a placement unit and reads a symbol attached to a bottle. Then, a determination is made so as to whether the medicine in the bottle is the correct medicine. If the medicine is incorrect, a message indicating the medicine is incorrect is displayed. If the medicine is correct, a camera records video of the medicine replenishment operation. Once the medicine replenishment is completed, a photographed image of the medicine inside the container and an image of the correct medicine for replenishing the container are displayed. Then, the user views these images and confirms whether the medicine used to replenish the container was correct. If this confirmation is not completed, the medicine dispensing device will not dispense medicine from the container.

IPC 8 full level
A61J 3/00 (2006.01); **G16H 20/13** (2018.01); **G16H 40/67** (2018.01)

CPC (source: EP KR US)
A61J 1/03 (2013.01 - EP KR US); **A61J 3/00** (2013.01 - KR US); **A61J 7/0084** (2013.01 - EP KR US); **A61J 7/0463** (2015.05 - EP US); **G01N 21/84** (2013.01 - KR); **G16H 20/10** (2018.01 - KR); **G16H 20/13** (2018.01 - EP US); **G16H 40/67** (2018.01 - EP US); **A61J 2205/00** (2013.01 - KR)

Citation (search report)
• [IY] WO 2009070297 A1 20090604 - MICRO DATASTAT LTD [US], et al
• [Y] WO 2013157851 A1 20131024 - JVM CO LTD [KR] & EP 2840547 A1 20150225 - JVM CO LTD [KR]
• [I] WO 2008006203 A1 20080117 - WAUGH DONALD CRAIG [CA], et al
• [Y] WO 2011112606 A1 20110915 - PERCEPTIMED INC [US], et al
• [Y] US 2014267719 A1 20140918 - AKDOGAN KUTADGU [US], et al
• [Y] WO 2013109913 A1 20130725 - MEDSENTRY INC [US], et al
• See also references of WO 2016067929A1

Cited by
EP3845214A4

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2016331640 A1 20161117; **US 9770389 B2 20170926**; AU 2015338159 A1 20170427; AU 2015338159 B2 20191003; CA 2962284 A1 20160506; CA 2962284 C 20230314; CN 106794116 A 20170531; CN 106794116 B 20200724; EP 3213736 A1 20170906; EP 3213736 A4 20180613; EP 3213736 B1 20240320; KR 102465580 B1 20221110; KR 20170084041 A 20170719; WO 2016067929 A1 20160506

DOCDB simple family (application)
US 201515030820 A 20151015; AU 2015338159 A 20151015; CA 2962284 A 20151015; CN 201580054506 A 20151015; EP 15855343 A 20151015; JP 2015079189 W 20151015; KR 20177011374 A 20151015